ADDER®

Digital KVM Extender

Fanless, small form factor,
Dual Link DVI, USB, Audio and Serial

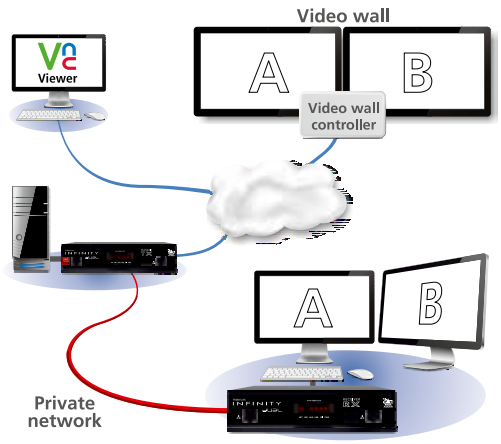
ADDERLink INFINITY dual VNC

Dual Link, dual head digital video and USB with VNC remote access

PRODUCT IN BRIEF

AdderLink INFINITY dual VNC is a high performance KVM server that can be accessed remotely via IP with a VNC viewer and / or simultaneously with an AdderLink Infinity receiver. Its base feature set is the same as the AdderLink Infinity dual with the addition of:

- View 2560x1600 or two 1920x1200 sessions
- Real VNC server with RFB 3.3 support
- Up to 256bit AES and RSA 2048 encryption
- VM support and RS232 for power control
- Supports 16 users simultaneously
- Out of band BIOS level access
- Compatible with AdderLink Infinity Matrix



FEATURES

Remote monitoring, remote control, remote maintenance

View and access your computers remotely, out of band without the need to install software.

High video performance over VNC

The VNC server can be accessed by a standard web browser but for superior graphical performance, a Real VNC viewer should be used. Free of the limitations of HTTPS, Real VNC greatly enhances video performance. The unit serves pixel perfect video up to 24bit color at a maximum of 2560x1600 or two at 1920x1200. RFB 3.3 is supported for open source VNC viewers.

Ideal for control rooms

The unit can simultaneously serve a VNC equipped video wall processor and an AdderLink Infinity equipped user station reducing the complexity of control room infrastructure.

Highly secure

Employing enterprise grade security (using AES 256bit encryption and RSA 2048bit public key authentication) as standard, the unit is further enhanced by the use of Real VNC that allows for the creation of ciphered user communications.

USB and Virtual Media support

To transfer files from remote users to controlled computers, the system has been engineered to act as a conduit through which data can be passed. Files can be transferred via IP onto the AdderLink Infinity dual and onto the target computer by means of a USB Virtual Media port.

Power control through RS232 serial interface

The unit has an RS232 port to allow communication to devices like power switches, allowing remote re-booting of the target computer.

User management

On the VNC server, you can create up to 16 user profiles with defined access rights. The unit can be accessed by up to 16 users at any one time.

Digital KVM matrix

By the addition of AdderLink Infinity Management system (A.I.M.) you can turn multiple point to point extenders into a matrix system that allows any workstation to connect to any computer connected to the network. See the A.I.M. data sheet for details.

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ABOUT ADDER

Adder is a leading developer and thought leader in connectivity solutions. Adder's advanced range of high performance KVM switches, extenders and IP solutions enable the control of local, remote and global IT systems across the enterprise. The company distributes its products in more than 60 countries through a network of distributors, resellers and OEMs. Adder has offices in the United States, United Kingdom, Germany, the Netherlands, Sweden, China and Singapore.

To find out more, visit:
http://www.adder.com

TECHNICAL SPECIFICATIONS

Hardware compatibility
All computers with DVI-D, USB, audio, RS232 - requirement dependent

DVI-D - Digital Visual Interface – Digital only
The system supports either two Single Link DVI resolutions to a maximum of 1920 x1200 @ 60Hz or a single Dual Link to a maximum of 2560 x1600 @ 60Hz

USB2.0 with class control
Supports USB2.0 devices (low, full and high speed). The system has a security feature which allows the blocking of non HID devices. Isochronous devices are not supported (i.e. USB audio or video devices)

Digital stereo audio
The system delivers analog stereo audio (line in, line out) digitally across the network.

RS232
RS232 can be passed between the units to a maximum baud rate 115K2. RS232 is reserved for power control for AdderLink Infinity dual VNC

Software compatibility
All known operating systems (except Sun BIOS access)

Computer connections transmitter (Tx)
2 x DVI-D x 1, audio 3.5mm in, audio 3.5mm out, USB type B, and RS232 9 pin D-Type

System connections
1 x 8p8c for VNC access
1 x 8p8c and 1 x SFP cage for AdderLink Infinity network

Physical design
1U compact case, robust metal construction. 198mm/7.92" (w), 44mm/1.76" (h), 150mm/6.0" (d), 1.1kg/2.7lbs.

Power
2.5mm DC jack (power adapter included), 100-240VAC 50/60Hz, 0.8A, input to power adapter, 5VDC 20.0W output from power adapter

Operating temperature
0 to 40°C / 32 to 104°F

Approvals
CE, FCC

ORDERING INFORMATION

ALIF2112T-XX: Transmitter unit only

XX	= Mains Lead Country Code:
UK	= United Kingdom
US	= United States
EURO	= Europe
AUS	= Australia

ADDITIONAL ACCESSORIES

19" rack mount options:
RMK4S: One unit per 1U rack slot
RMK4D: Two units per 1U rack slot

VSCD1: Single link DVI-D to DVI-D video cable
VSC24: USB cable 2m (type A to B)

SFP-MM-LC: Multimode fibre optic module with LC connectors for up to 500 meters
SFP-SM-LC: Single mode fibre optic module with LC connectors for up to 10Km
SFP-CATx: RJ45: SFP to CATx converter module

RELATED PRODUCTS

Adder offer a vast range of products to suit your needs. Other products you may find useful are:

ADDERLink Digital IPEPS
ALD-IPEPS

ADDERLink INFINITY dual
ALIF2002P, ALIF2000R, ALIF2002T

ADDERLink INFINITY Matrix
ALIF-AIM, ALIF-AIM-8, ALIF-AIM-16

ADDERLink INFINITY
ALIF1000P, ALIF1000R, ALIF1000T

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